In the Abstract:

ABSTRACT ~~OF THE DISCLOSURE~~ <u>OF THE DISCLOSURE</u>

~~METHODS AND DEVICES FOR EVALUATING TRANSMISSION AND PROCESSING DELAYS OF A SPEECH SIGNAL RECEIVED IN A TERMINAL CONNECTED TO A PACKET-SWITCHED NETWORK~~

A method of evaluating the processing delay of a speech signal contained in data packets received in a receiver terminal equipped with a telephony module during a voice call to a terminal sending said data packets over a packet-switched network ~~includes the following steps:~~. <u>The method includes the step of</u> obtaining (E32) from the received data packets a stream of audio packets containing the speech signal. ~~; within~~ <u>Within</u> a predetermined decoding time, ~~decoding (E43)~~ the stream of <u>obtained</u> audio packets ~~obtained and creating~~ <u>is decoded (E34) and</u> a first reconstituted speech signal <u>is created</u> (F1). ~~; duplicating (E36) at~~ <u>At</u> least a portion of the speech ~~signal~~ reconstituted by the telephony module <u>is duplicated (E36) to constitute</u> ~~constituting~~ a second speech signal (F2). ~~; determining (E39) the~~ <u>The</u> delay difference between the first speech signal (F1) and the second speech signal (F2) <u>is determined (E39)</u>. ~~; and calculating (E40) the~~ <u>The</u> processing delay ~~D3~~ <u>(D3)</u> of the speech signal in the receiver terminal <u>is</u> <u>calculated (E40)</u> from at least the measured delay difference between said first speech signal (F1) and said second speech signal (F2) and the predetermined decoding time.